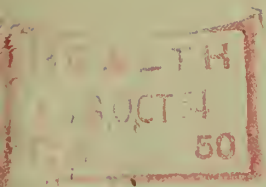


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G. P. HOLDERNESS, M.B., Ch.B., D.P.H.
Medical Officer of Health

JAMES FARRAR, M.S.I.A., A.M.I.P.C.
Senior Sanitary Inspector



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AIREBOROUGH URBAN DISTRICT COUNCIL

1953

HEALTH SEWERAGE & WATERWORKS COMMITTEE

Chairman:

Councillor E. Cunliffe

Deputy Chairman:

Councillor J.M. Hudson

Councillor A.H. Dobson

" N. Freeborn

" Miss E.M. Holdsworth

" Mrs. E. Hutchinson

" Mrs. E.M. Lamb

" N.A. Luty

" L. McCoy

" W. Spencer

" F. Tetley

" N.C. Wilby

STAFF OF THE PUBLIC HEALTH DEPARTMENT

Medical Officer of Health

G.P. HOLDERNESS, M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health

HELEN M. MITCHELL, M.B., Ch.B.

Senior Sanitary Inspector

J. FARRAR, M.R.San.I., M.S.I.A., A.M.I.P.C.,
(Cert. S.I.E.J.B., Certs. R.S.I. Meat & Other
Foods)

Additional Sanitary Inspectors

R.R. MARSHALL, M.R.San.I., M.S.I.A.

G. HOLMES, M.S.I.A., A.R.S.I. (Appointed October, 1953)

Clerical Staff, Divisional Public Health Office

ALTON HARTLEY (Senior Clerk)
G.K. MILNER (Resigned July, 1953)
H. DOBSON
MRS. K. BOOTH
MISS E. CLARKSON
M.M. WATSON
D. HODGSON
MISS S. WHITEHEAD
MRS. E. GENTLE
MISS J.S. ASHBY (Resigned December, 1953)
G. DUNKERLEY (Appointed July, 1953)
MISS M. SPEIGHT (Appointed December, 1953)

Clerical Staff, Sanitary Inspector's Department

MRS. J. MOULD (Resigned September, 1953)
MISS D. ILLINGWORTH (Resigned May, 1953)
MISS R. CARTER (Appointed June, 1953)
MISS K. HALL (Appointed November, 1953)

Divisional Public Health Office,
The Green,
HORSFORTH.

To the Chairman and Members of the Health Committee

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report on the health of the District for the year 1953.

The general health of the Urban District has been good during the year, with no maternal deaths, a low infant mortality, no large epidemics, and a very low mortality from infectious diseases generally. All this is an indication of the improving health of the community. On the other hand the death rate from heart and circulatory diseases and cancer remains high, and although the death rate from pulmonary tuberculosis is falling there has been no corresponding reduction in the incidence of this disease.

The birth rate was 12.0 as compared with 11.9 in the previous year and was considerably lower than the rates of 15.7 and 15.5 for the West Riding Administrative County and England and Wales respectively. Of the total births registered 4.4 per cent were illegitimate as compared with 2.4 per cent in 1952.

From the 1st January, 1953, all deaths of patients in Menston Hospital have been assigned to the Urban District by the Registrar General as being their usual place of residence for the purpose of vital statistics. This has had the effect of materially increasing the death rate of the Urban District as a whole. If, however, Menston Hospital is excluded, the death rate is reduced from 16.1 to 12.2, which latter rate is comparable with the rate of 12.3 for the previous year, and with the rates of other districts. Seventy per cent of all deaths were of persons aged 60 and over. The increasing life span of the population is reflected in the large proportion of deaths due to heart and circulatory diseases, cancer and respiratory disease.

There were 9 deaths of infants under one year, giving an infant mortality rate of 27.3 as compared with 18.3 in the previous year. With a small number of births fluctuations in the infant mortality rate from year to year are to be expected and are not statistically significant.

There were no maternal deaths. There have now been only 2 maternal deaths in the last 11 years.

Apart from whooping cough the incidence of notified infectious disease was very low.

Although there have been no cases of diphtheria in the District for the past four years, it should not be forgotten that this is still a deadly disease when acquired, and that its continued absence can only continue if parents have their children protected by immunisation, preferably before their first birthday.

The number of children vaccinated against smallpox is still far too low. The occurrence of smallpox in neighbouring districts of the County during the early part of the year did however cause a large increase in the number of vaccinations in the District. Unfortunately this impetus to vaccination is likely to be short-lived now that the immediate threat of the disease has been removed.

Much assistance has continued to be given by the health visitors, home nurses and home helps to the many old people in Aireborough. An important contribution to the welfare of the aged is the provision of small dwellings suitable to their needs. Many old people, handicapped by infirmity or chronic disease, are at present living in old houses lacking modern amenities, often too large for them to manage, and with steep and badly lighted stairs and cellar steps. Such conditions can become an intolerable burden and contribute to their eventual inability to maintain an independent life in their own homes.

As the Urban District of Aireborough is included in Division 5 of the West Riding County Council's Divisional Administration of the Preventive Medical Services, information and statistics relating to these services have been included in an appendix to this Report.

I would like to thank the Chairman and Members of the Committee for the consideration and support they have extended to me. I would also thank the Officers of the Council for their kind co-operation, and the staff of the Health Department for their loyal and valuable assistance.

I have the honour to be,

Your obedient Servant,

G.P. HOLDERNESS.

Medical Officer of Health.

GENERAL AND VITAL STATISTICS

Area of the District (Acres)	6,856
Estimated Population mid-year 1953 (including 2,471 in Menston Hospital)	27,570
Area Comparability Factors:- Births	1.11
Deaths	1.01
Number of inhabited houses (estimated)	8,520
Rateable value	£157,022
Sum represented by a penny rate (estimated)	£607

The District is divided into 8 wards.

BIRTHS

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Live, legitimate	315	162	153
illegitimate	15	7	8
	<u>330</u>	<u>169</u>	<u>161</u>
Still, legitimate	9	4	5
illegitimate	-	-	-
	<u>9</u>	<u>4</u>	<u>5</u>
Total births	<u>339</u>	<u>173</u>	<u>166</u>

BIRTH RATES

	1952	1953
Live births (per 1,000 estimated population)	11.9	12.0
Still births (per 1,000 estimated population)	0.25	0.33
Still births (per 1,000 live and still births)	20.9	26.5

DEATHS

	<u>Total</u>	<u>Male</u>	<u>Female</u>
All causes (including 138 deaths in Menston Hospital)	445	230	215
Deaths of infants under one year			
legitimate	7	4	3
illegitimate	2	2	-
Deaths of infants under four weeks			
legitimate	5	2	3
illegitimate	1	1	-
Deaths from puerperal causes	-	-	-

DEATH RATES

(per 1,000 estimated population)

	1952	1953
All causes (including Menston Hospital)	*	16.1
All causes (excluding Menston Hospital)	12.3	12.2

* Not available.

DEATH RATES OF INFANTS UNDER ONE YEAR OF AGE

	1952	1953
All infants (per 1,000 live births)	18.3	27.3
Legitimate infants (per 1,000 legitimate live births)	18.7	22.2
Illegitimate infants (per 1,000 illegitimate live births)	Nil	133.3

DEATH RATES OF INFANTS UNDER FOUR WEEKS OF AGE

All infants (per 1,000 live births)	15.2	18.2
Legitimate infants (per 1,000 legitimate live births)	15.6	15.9
Illegitimate infants (per 1,000 illegitimate live births)	Nil	66.7

MATERNAL MORTALITY

(per 1,000 live and still births)

	1952	1953
Pregnancy, child-birth and abortion	Nil	Nil

COMPARATIVE VITAL STATISTICS FOR THE YEAR 1953
Based on the Registrar General's Figures

	U.D. Aire- borough	Aggregate West Rid- ing Urban Districts	West Riding Admin. County	England & Wales (Provi- sional figures)
BIRTH RATE:				
(Crude)	12.0	15.4	15.7	15.5
(Adjusted) +	13.3	15.5	16.0	
DEATH RATES:				
All causes				
(Crude)	16.1	12.5	11.6	
All causes				11.4
(Adjusted) +	16.3	12.6	12.1	
All causes (excluding Men- ston Hospital)	12.3			
Infective and parasitic disease *	0.18	0.09	0.08	**
Tuberculosis of				
Respiratory system	0.25	0.17	0.16	0.18
Other forms of				
tuberculosis	Nil	0.02	0.02	0.02
Respiratory disease Ø	1.27	1.39	1.30	**
Cancer x	1.99	1.99	1.88	1.99
Vascular lesions of nervous system	1.92	1.96	1.76	**
Heart and circulatory diseases	7.83	4.63	4.26	**
INFANT MORTALITY:				
(Deaths under one year per 1,000 live births)	27.3	27.6	29.3	26.8
MATERNAL MORTALITY:	Nil	0.38	0.51	0.76

+ Birth and Death Rates as adjusted by area comparability factor. These factors allow for the differing age and sex distribution of the population in different areas and are used for comparing birth and death rates with those in other areas.

* Combined death rate from syphilitic disease, diphtheria, whooping cough, meningococcal infections, acute poliomyelitis, measles and other infective and parasitic diseases.

Ø Combined death rate from influenza, bronchitis, pneumonia and other diseases of the respiratory system, excluding tuberculosis.

x Death rate from malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues.

** Figures not available.

CAUSES OF DEATH OF AIREBOROUGH RESIDENTS

(As supplied by the Registrar General) *

	1953		
	M	F	Total
Tuberculosis, respiratory	1	6	7
Tuberculosis, other	-	-	-
Syphilitic disease	1	1	2
Diphtheria	-	-	-
Whooping cough	-	-	-
Meningococcal infection	1	1	2
Acute poliomyelitis	-	-	-
Measles	-	-	-
Other infective and parasitic diseases	-	1	1
Malignant neoplasm, stomach	3	1	4
Malignant neoplasm, lung, bronchus	8	1	9
Malignant neoplasm, breast	-	8	8
Malignant neoplasm, uterus	-	1	1
Other malignant and lymphatic neoplasms	21	11	32
Leukaemia, aleukaemia	-	1	1
Diabetes	1	4	5
Vascular lesions of nervous system	32	21	53
Coronary disease, angina	43	28	71
Hypertension with heart disease	8	3	11
Other heart disease	51	72	123
Other circulatory disease	5	6	11
Influenza	4	2	6
Pneumonia	7	6	13
Bronchitis	10	5	15
Other diseases of respiratory system	1	-	1
Ulcer of stomach and duodenum	9	1	10
Gastritis, enteritis and diarrhoea	2	1	3
Nephritis and nephrosis	2	4	6
Hyperplasia of prostate	3	-	3
Pregnancy, childbirth, abortion	-	-	-
Congenital malformations	-	-	-
Other defined and ill-defined diseases	9	18	27
Motor vehicle accidents	-	1	1
All other accidents	5	7	12
Suicide	3	4	7
Homicide and operations of war	-	-	-
ALL CAUSES	230	215	445

* As from the 1st January, 1953, the Registrar General's figures have included deaths of patients in Menston Hospital, as this hospital is now regarded as their usual place of residence for the purpose of vital statistics.

AGES AT DEATH OF AIREBOROUGH RESIDENTS

(Based on Local Registrar's Returns as
adjusted for Inward and Outward Transfers)

Age	Male	Female	Total
Under 1	6	3	9
1	1	-	1
2 to 4	-	2	2
5 to 9	-	-	-
10 to 14	-	-	-
15 to 19	1	-	1
20 to 29	2	3	5
30 to 39	5	8	13
40 to 49	13	14	27
50 to 59	47	29	76
60 to 69	65	36	101
70 to 79	65	77	142
80 to 89	25	39	64
90 & over	-	4	4
Totals	230	215	445

INFANTILE MORTALITY

CAUSE OF DEATH	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total deaths under month	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	Total deaths under year
Pneumonia	1	-	-	-	1	-	1	-	-	2
Meningococcal meningitis	1	-	-	-	1	-	-	-	-	1
Mongolism	1	-	-	-	1	-	-	-	-	1
Influenzal bronchitis	-	-	-	-	-	-	1	-	-	1
Asphyxia	-	-	-	-	-	1	-	-	-	1
Intracranial injury at birth	3	-	-	-	3	-	-	-	-	3
ALL CAUSES	6	-	-	-	6	1	2	-	-	9

GENERAL PROVISION OF HEALTH SERVICES
FOR THE AREA

STAFF

Full details of the staff of the Department are given at the beginning of this report.

LABORATORY FACILITIES

The Public Health Laboratory of the Medical Research Council at Wakefield undertakes the bacteriological examination of clinical specimens, milk, water, etc. and certain biochemical tests on milk and ice-cream.

Facilities exist in the Council's laboratory at Grange House for carrying out biochemical tests on milk and ice-cream.

The chemical analysis of milk, foodstuffs, water etc. and the bacteriological examination of water is carried out by Messrs. Richardson & Jaffe, Bradford.

AMBULANCE SERVICE

The ambulance service is administered by the West Riding County Council, the District being served by the depot at White Cross, Guiseley.

CLINICS AND TREATMENT CENTRES

The following table gives details of the various clinics serving the Urban District:-

CLINICS AND TREATMENT CENTRES

NAME	SITUATION	WHEN HELD
School (Minor Ailments) clinic	Town Hall, Yeadon.	Tuesday morning.
- do -	Baptist Church, Oxford Road, Guiseley.	Thursday morning.
Infant Welfare Clinic	Town Hall, Yeadon.	Tuesday afternoon.
- do -	Baptist Church, Oxford Road, Guiseley.	Thursday afternoon.
- do -	Methodist S.S., Harrogate Road, Rawdon.	Thursday afternoon.
Ante-Natal Clinic	Town Hall, Yeadon.	1st & 3rd Wednesday morning in month.
- do -	Baptist Church, Oxford Road, Guiseley.	Wednesday afternoon.
- do -	Methodist S.S., Harrogate Road, Rawdon.	2nd Wednesday morning in month.
Chest Clinic	The Hospital, Middleton-in-Wharfedale.	Friday afternoons. 1st Wednesday afternoon in month

SPECIAL CLINICS (FOR SCHOOL AND PRE-SCHOOL CHILDREN)

Dental	Richardshaw Lane, Pudsey.	Daily.
Ear nose and throat	Richardshaw Lane, Pudsey.	1st Tuesday morning in month.
Ophthalmic	South View Girls' School, Yeadon.	By arrangement.
	Baptist Church, Oxford Road, Guiseley.	By arrangement.
Orthopaedic	St. Lawrence House, Pudsey.	3rd Friday morning in month.
Paediatric	Richardshaw Lane, Pudsey.	1st & 3rd Thursday morning.
Remedial Exercises	St. Lawrence House, Pudsey.	Monday morning, Wednesday afternoon & alternate Saturday morning.
Artificial Sunlight	St. Lawrence House, Pudsey.	Tuesday & Thursday mornings.
Speech Therapy	Baptist Church, Oxford Road, Guiseley.	Monday & Wednesday morning.
Child Guidance	Somerset House, Manor Road, Shipley.	Each Monday except first in month.

HOSPITALS FOR INFECTIOUS DISEASE

Cases from the District are admitted mainly to the Leeds Road Hospital, Bradford. A few cases are also admitted to the Seacroft Hospital, Leeds.

OTHER SERVICES

Information regarding the personal health services provided in the District by the West Riding County Council is given in the appendix to this Report.

NATIONAL ASSISTANCE ACT, 1948

SECTION 47

Section 47 of the National Assistance Act, 1948, as amended by the National Assistance (Amendment) Act, 1951, provides that where a person is suffering from grave chronic disease or being aged, infirm or physically incapacitated, is living in insanitary conditions and is unable to devote to himself, and is not receiving from other persons proper care and attention, the Medical Officer of Health can take steps for the removal of the person to a suitable hospital or other place and his detention and maintenance there.

No action was taken by the Urban District Council under this section during the year.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES

Scarlet fever

There were 13 notified cases of scarlet fever as compared with 34 cases in the previous year. The disease was mild and there were no deaths.

Diphtheria

No cases of this disease occurred during the year. Particulars of diphtheria immunisation are given in the appendix to this report.

Measles

64 cases were notified as compared with 126 cases in the previous year. There were no deaths.

Whooping cough

118 cases were notified as compared with 11 cases in the previous year. 104 of the cases were notified in the first half of the year. There were no deaths. Particulars of whooping cough immunisation are given in the appendix to this report.

Acute poliomyelitis

2 paralytic cases occurred, both affecting children. There were no deaths.

Dysentery

There was a small outbreak of sonne dysentery affecting mainly children attending Guiseley schools. This outbreak commenced towards the end of April and on investigation 33 school children were found to be infected, and in addition there were associated family infections affecting 3 pre-school children and 4 adults. The disease was very mild in character.

Food poisoning

3 cases of food poisoning, due to Salmonella infection, were notified. All these cases were members of the same family. The source of the infection was pressed beef which had been purchased in Otley.

Tuberculosis

Twenty-seven new cases of pulmonary tuberculosis, (including 7 patients in Menston Hospital), and 6 cases of non-pulmonary tuberculosis, (including 1 case in Menston Hospital), came to notice during the year.

There were 7 deaths from pulmonary tuberculosis.

Cases of tuberculosis in the Urban District are referred to the Consultant Chest Physician at the Chest Clinic, The Hospital, Middleton-in-Wharfedale.

Notifications of infectious disease (corrected)
received during 1953

	District proper	Menston Hospital
Smallpox	-	-
Diphtheria	-	-
Erysipelas	4	-
Scarlet fever	13	-
Typhoid	-	1
Paratyphoid	-	-
Measles	64	1
Whooping cough	118	-
Acute poliomyelitis	2	-
Acute encephalitis	-	-
Meningococcal infection	1	-
Dysentery	24	-
Pneumonia	3	3
Ophthalmia neonatorum	-	-
Puerperal pyrexia	-	-
Food poisoning	3	-

INCIDENCE OF INFECTIOUS DISEASE

Rates per 1,000 Home Population

	District proper	England and Wales
Typhoid fever	Nil	0.00
Paratyphoid fever	Nil	0.01
Meningococcal infection	0.04	0.03
Scarlet fever	0.52	1.39
Whooping cough	4.7	3.58
Diphtheria	Nil	0.01
Erysipelas	0.16	0.14
Smallpox	Nil	0.00
Measles	2.55	12.36
Pneumonia	0.12	0.84
Acute poliomyelitis (including polio- encephalitis)		
Paralytic	0.08	0.07
Non-paralytic	Nil	0.04
Food poisoning	0.12	0.24

AGE INCIDENCE OF NOTIFICATIONS OF INFECTIOUS DISEASE DURING 1953 (CORRECTED NOTIFICATIONS)

Disease notified	Under 1 year	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5-10 years	10-15 years	15-20 years	20-35 years	35-45 years	45-65 years	65 yrs. & over.	Total cases notified
Erysipelas	-	-	-	-	-	-	-	-	-	-	3	1	4
Scarlet fever	-	-	-	-	3	9	1	-	-	-	-	-	13
Typhoid	-	-	-	-	-	-	-	-	1	-	-	-	1
Measles	2	9	5	8	12	24	2	-	3	-	-	-	65
Whooping cough	4	11	15	12	20	53	3	-	-	-	-	-	118
Acute poliomyelitis	-	-	1	-	-	1	-	-	-	-	-	-	2
Meningococcal infection	-	-	-	-	-	-	-	-	1	-	-	-	1
Pneumonia	-	-	-	-	-	-	-	-	2	1	2	1	6
Food poisoning	-	-	-	-	-	1	-	-	-	2	-	-	3
Dysentery	-	2	2	2	5	11	-	-	1	1	-	-	24
TOTALS	6	22	23	22	40	99	6	-	8	4	5	2	237

MONTHLY INCIDENCE OF NOTIFICATIONS OF INFECTIOUS DISEASE DURING 1953 (CORRECTED NOTIFICATIONS)

DISEASE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Erysipelas	-	-	1	1	-	-	1	-	-	-	1	-	4
Scarlet fever	1	1	1	-	-	-	-	-	3	2	1	4	13
Typhoid	-	1	-	-	-	-	-	-	-	-	-	-	1
Measles	3	5	5	11	9	9	17	5	1	-	-	-	65
Whooping cough	2	17	26	38	19	2	6	6	-	1	1	-	118
Acute poliomyelitis	-	-	-	-	-	-	-	1	-	-	1	-	2
Meningococcal infection	-	1	-	-	-	-	-	-	-	-	-	-	1
Dysentery	-	-	-	-	14	8	-	2	-	-	-	-	24
Pneumonia	2	-	-	2	-	-	-	-	-	1	1	-	6
Food poisoning	-	-	-	-	-	-	-	-	3	-	-	-	3
TOTALS	8	25	33	52	42	19	24	14	7	4	5	4	237

WARD INCIDENCE OF CASES OF INFECTIOUS DISEASE NOTIFIED DURING 1953 (CORRECTED NOTIFICATIONS)

DISEASE	BILLING	BUCKSTONE	RUFFORD	HENSHAW	HAWTHORN	GUISELEY CENTRAL	GUISELEY NORTH	HAWKS- WORTH	TOTAL
Erysipelas	-	1	1	-	-	1	1	-	4
Scarlet fever	1	1	-	5	4	1	1	-	13
Typhoid	-	-	-	-	-	-	-	1	1
Measles	6	4	10	10	5	11	8	11	65
Whooping cough	8	3	17	9	20	25	24	12	118
Acute polio- myelitis	-	-	-	-	1	-	-	1	2
Meningococcal infection	-	-	-	-	-	1	-	-	1
Dysentery	-	-	1	2	3	14	4	-	24
Pneumonia	-	1	-	-	-	1	1	3	6
Food Poisoning	-	-	-	-	-	-	-	3	3

TUBERCULOSIS AND MORTALITY DURING 1953

Age Periods	New Cases *				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0 -	-	-	-	-	-	-	-	-
1 -	-	-	-	-	-	-	-	-
2 -	-	-	-	-	-	-	-	-
5 -	-	-	-	1	-	-	-	-
10 -	-	-	-	-	-	-	-	-
15 -	1	1	1	-	-	-	-	-
20 -	1	3	-	-	-	1	-	-
25 -	4	3	1	-	-	-	-	-
35 -	4	2	-	-	-	1	-	-
45 -	2	1	-	2	1	1	-	-
55 -	1	-	-	-	-	2	-	-
65 -	2	1	-	-	-	-	-	-
75 -	-	1	-	1	-	1	-	-
TOTALS	15	12	2	4	1	6	-	-

* These include formal notifications and cases coming to the knowledge of the Medical Officer of Health otherwise than by formal notification.

	Pulmonary		Non-pulmonary	
	M	F	M	F
No. of cases on the register at 1st January, 1953	57	53	16	18
No. of cases notified during the year	8	5	-	2
No. of cases restored to the register	-	-	-	-
No. of cases added to the register otherwise than by notification	19	8	4	2
No. of cases removed from the register	15	15	6	8
No. of cases remaining on the register at 31st December, 1953	69	51	14	14

To the Chairman and Members of the Health Committee,

Ladies and Gentlemen,

I have much pleasure in presenting my seventeenth Annual Report for the year ending 31st December, 1953.

.....
Appended herewith are the various charts and statistics relating to the Department.

.....
The collection and disposal of refuse was carried on during the year with difficulty due to the inability to obtain suitable labour. The general trade in the district is good and the wages paid are in excess of those which can be paid by a local authority. The few people who are unemployed are not usually suitable for the heavy type of work carried on by the Department, irrespective of these factors the provision of a reasonable refuse collection service throughout the district was maintained. We also carried on the collection of salvage and we were able to dispose of 380 tons which was slightly more than the previous years' and an income of £3,252 was received.

.....
The work on the erection of the new Disposal Plant was proceeded with rapidly during the year and the plant should be in operation during the early part of 1954.

.....
The total number of houses built in the district for the year was 123 making 75 built by the Council and 48 by private enterprise. The figures in relation to private houses are an improvement of over 100% on those of the previous year, but the increase in houses built by the local authority was only 4. It is hoped that there will be increased building during the forthcoming year on the Shaw Lane Housing Estate so as to help to relieve some of the housing difficulties of the district.

.....
Slum Clearance was again resumed and 4 Clearance Areas were declared, which provides for the demolition of 59 houses and a displacement of 193 persons. 5 individual houses were purchased for demolition.

.....
The Council, by virtue of the Small Dwellings Acquisition Act and the Housing Act, endeavour to help people to buy their own houses and to loan money for carrying out repairs or structural alterations. These facilities are becoming well known and enquiries are being received and inspections and advice is given on every occasion.

.....
Application was made to the appropriate Ministry for the erection of a public Abattoir in the district. The decision of the Ministry is still awaited.

.....
May I take this opportunity of thanking you, Mr. Chairman, and Members for your kind co-operation in all matters relating to my Department, whilst I would like to express my appreciation to the members of my staff for their loyal support during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

JAMES FARRAR,

Senior Sanitary Inspector.

FOOD INSPECTION.

The sampling of food and drugs is carried out in this District by the West Riding County Council, and their Inspectors are stationed at Shipley.

There are seventeen private slaughterhouses in the District, to which 24 visits have been made, but these are only used for the slaughtering of pigs with Food Office Permits or emergency slaughter.

The present meat allocation is slaughtered at Otley abattoir; assistance is given for the inspection of meat at that abattoir when requested.

192 visits have been made to bakehouses and food preparing premises.

The following is a list of food condemned during the past twelve months, making a total of 1,270 lbs. 3 ozs.

Bacon	355 lbs. 8 oz.	Shrimps	- lbs. 8 oz.
Gammon	121 8	Sardines	- 9
Shoulder Ham	74 -	Carrots	4 8
Beasts Heads	20 -	Beans	5 -
Beasts Livers	20 -	Peas	2 -
Sheeps Plucks	24 -	Processed Peas	1 8
Oxtail	8 -	Cauliflower	48 -
Beef	18 -	Tomatoes	12 8
Pie Meat	168 -	Soup	- 10
Tongue	37 -	Rhubarb	1 -
Sausages	12 -	Peaches	15 8
Skinless Rabbits	30 -	Fruit Salad	1 -
Cooked Ham	14 -	Plums	6 -
Boiled Ham	2 4	Pears	8 -
Pork Luncheon Meat	94 8	Pineapple	2 -
Jellied Veal	24 -	Grapes	17 -
Chopped Pork	4 -	Grape Juice	1 -
Beef Loaf	2 -	Cherries	1 -
Stewed Steak	9 -	Blackcurrants	1 -
Ham Loaf	7 -	Grapefruit	3 -
Minced Meat	2 -	Greengages	4 -
Veal Ham	1 -	Damsons	8 -
Corned Beef	1 -	Apricots	7 -
Evaporated Milk	58 -	Strawberries	1 -
Cream	- 4	15 Hand Raised Pies	
Mock Cream	3 -	736 Shell Eggs	
Jam	3 8	27 tins Strained Food	
Salmon	4 -	13 1/4 pints Condensed Milk	
Tuna Fish	1 -	1/2 " Vinegar	

Included in the 355 lbs. of Bacon tabulated above were 128 lbs. of bacon trimmings which were condemned in October; and were all from one consignment of 500 sides of Polish Bacon which had been variously contaminated with copper sulphate in transit.

Food Premises registered under Section 14 of the Foods and Drugs Acts, 1938 and the Milk and Dairies Regulations, 1949.

Ice Cream	64
Fish and Chips	14
Sausage and Potted Meats	27
Potted Meats only	8
Bacon curing and Ham boiling	1
Meat Pies only	1
Dairies	21

MILK AND DAIRIES

21 Dairymen (with premises in the district) are registered and were issued with Licences to retail designated milk within the area for:-

Pasteurised Milk in 20 cases.

T.T. Milk (including T.T. Pasteurised) in 19 cases.

Supplementary Licences were issued to 7 retailers from outside this area, with

6	licences to retail T.T. Milk
3	" " " " Pasteurised Milk
1	" " " " Accredited Milk
1	" " " " Sterilised Milk

In addition 12 shopkeepers were issued with Licences to retail Sterilised Milk from their premises.

MILK SAMPLING.

A total of 103 samples of milk, of all designations, was taken informally during the year under review, and these samples were then tested in the laboratory for:-

Fat Content - in 72 instances

Keeping Quality, using the Methylene Blue test - in 103 instances.

Keeping Quality, using the Resazurin method - in 53 instances
and Phosphatase Test in 1 case only.

The results were as follows:-

	<u>Satisfactory.</u>	<u>Unsatisfactory.</u>	<u>Total.</u>
Fat Content	72	-	72
Keeping Quality (Methylene Blue)	100	3	103
Phosphatase	1	-	1

	<u>A.</u>	<u>B.</u>	<u>C.</u>	<u>Total</u>
Keeping Quality (Resazurin)	44	7	2	53
Total No. of Tests				<u>229</u>

ICE CREAM.

At the end of the year there were 64 premises in the district registered for the sale of Ice Cream, an increase of 4 during the twelve months. All sales from these premises are now pre-wrapped Ice Cream, and all are manufactured outside our area by some eight well-known firms. Bulk Ice Cream (that served with wafers or cones) remains on sale, however, from the mobile retailers entering the district from surrounding authorities, and in these cases general cleanliness, provision of washing facilities, sterilisation of serving equipment and correct container temperature, are all strictly enforced, many checks being made during 1953. In no case was any further action required.

41 samples were taken during the summer months and were bacteriologically tested by a modified form of the methylene blue test, with the following results:-

28	samples placed in Grade 1
5	" " " " 2
8	" " " " 3
nil	" " " " 4
<u>41</u>	

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The Department has continued the practice of providing a free disinfection service to all householders in the District, either by supplying simple and safe rodenticides, or by the longer treatments using prebaiting and poisons and supervision by our own staff, and has undertaken similar treatment of business and other premises on request on behalf of the occupiers. This service of the Council is becoming very widely known and used.

As a result of both inquiries and complaints received, 51 premises of all types were first inspected, and prebaiting was then laid in 48 properties to determine the extent and type of infestation and to decide upon the course of treatment. In all cases in 1953 where a protracted course of systematic baiting was required, Warfarin baits were employed with very satisfactory results.

Premises inspected	51
" prebaited	48
" fully treated	37
Visits made	215
No. of baiting points used	123
No. of baits fully replenished	221
Dead bodies picked up	72

Prevalence of Rats and Mice

Type of property.	No. of properties in which infestation was:			Number infested by:		
	Notified by Occupier.	Otherwise discovered.	Total	Rats. Major.	Minor.	Mice only.
Council property:	8	-	8	2	2	4
Dwelling houses:	17	2	19	-	11	8
Business premises:	8	1	9	1	7	1
Agricultural property:	1	-	1	-	1	-
TOTAL:	34	3	37	3	21	13

Control in Sewers.

A 10% check on infestation in the sewers was carried out during the year, using 63 widely scattered points as under:

18 in Rawdon
20 in Yeadon
25 in Guiseley.

Fifty-four points showed definite "no takes" after a period of three or four days, and a further seven points, which had appeared doubtful at the first inspection and had been re-baited, showed similar definite results of "no take" at a second inspection. The two outstanding points, one in each of Yeadon and Guiseley, were found to be in sewer surcharge at both first and second inspections (though not so, of course, at the time of the placing of the baits), and were, therefore, classed as being normally free of rodents. Thus all sixty-three points throughout the District showed that the sewers were clear of any infestation.

REFUSE COLLECTION AND DISPOSAL.

During the year ending 1953, 4,162½ loads of refuse were collected from 8,518 houses and 182 other premises. The disposal of same was by tipping at the old Guiseley Sewage Works which are now derelict.

Salvage was commenced by the Council in April, 1940, and to the period ending 31st March, 1954, 4,324 tons of material have been salvaged and sold for £30,763. For the year ending March 1954 we salvaged 380 tons of materials which corresponds with the previous year for tonnage and sales. The statistical chart is appended.

The Council received approval and loan sanction for the erection of a modern pre-separation and disposal plant to be erected at New Scarborough. The tender of Messrs. Heenan & Froude Ltd., was accepted for the sum of £37,520, and work on same proceeded rapidly during the year.

I herewith give comparative analysis of refuse collected.

	<u>Spring.</u>	<u>Summer.</u>	<u>Winter.</u>
(a) Fine dust under 5/16	46.07	22.5	40.26
(b) Small cinder 5/16 - 3/4	20.70	12.23	19.11
(c) Large cinder over 3/8	15.63	14.92	17.92
(d) Vegetable and putrescible	1.64	7.09	2.54
(e) Paper content	3.27	12.47	2.24
(f) Metal containers etc.	3.11	7.09	3.21
(g) Textiles	1.06	2.70	1.64
(h) Bottles, glass	5.65	9.50	5.31
(i) Bones	.16	4.50	4.52
(j) Combustible Debris	1.48	7.58	6.20
(k) Incombustible Debris	1.23	3.42	1.05
1 cubic yd. of Refuse lbs.	792	544	696
Density (Cwts. per c.yd.)	7.07	4.86	6.21
Lbs. per cubic foot	29.33	20.15	25.78
Volume (cu.ft. per cwt.)	3.82	5.55	4.35

SALVAGEAmount of Salvage Material Sold.

<u>Material.</u>	<u>April 1940 - March 1953.</u>		<u>April 1953 - March 1954.</u>	
	<u>Weight.</u>	<u>Price.</u>	<u>Weight.</u>	<u>Price.</u>
	T	£	T	£
Paper	2756 $\frac{1}{2}$	20884	336	2650
Ferrous Metals	767	1587	17	74
Non-ferrous Metals	17 $\frac{1}{2}$	907	2	173
Rags, etc.	208	3154	24 $\frac{1}{2}$	355
Bottles & jars	102	732	-	-
Bones	34 $\frac{1}{4}$	126	-	-
Cullet	42	59	-	-
Rubber	14 $\frac{1}{2}$	39	-	-
Miscellaneous	2 $\frac{1}{2}$	23	-	-
	<u>3844$\frac{1}{4}$</u>	<u>27511</u>	<u>379$\frac{1}{2}$</u>	<u>3252</u>

TOTAL YEARLY AMOUNT OF SALVAGE SOLD.

<u>Year.</u>	<u>Weight.</u>	<u>Price.</u>
	T	£
1940-41	398	1563
1941-42	405	1732
1942-43	432	2312
1943-44	407	2062
1944-45	279	1640
1945-46	243 $\frac{1}{2}$	1328
1946-47	200 $\frac{1}{4}$	1259
1947-48	180 $\frac{1}{2}$	1185
1948-49	232	1545
1949-50	201	889
1950-51	262	2491
1951-52	350	6224
1952-53	354	3281
1953-54	<u>379$\frac{1}{2}$</u>	<u>3252</u>
	<u>4323$\frac{3}{4}$</u>	<u>30763</u>

REFUSE STATISTICS

Year.	Cost per 1,000 population.	Cost per 1,000 houses.
	£.	£.
1937-38	137.78	452.71
1938-39	130.92	410.64
1939-40	129.56	412.9
1940-41	139.90	436.16
1941-42	169.34	558.3
1942-43	204.84	646.76
1943-44	180.61	596.12
1944-45	179.45	578.2
1945-46	192.53	618.82
1946-47	284.4	929.31
1947-48	248.1	804.23
1948-49	244.82	802.73
1949-50	326.23	1083.00
1950-51	285.1	950.75
1951-52	260.39	864.21
1952-53	346.67	1136.71
1953-54	486.00	1540.23

SALVAGE STATISTICS

Year.	Average weight of salvage sold per 1,000 population.				Value of salvage sold per 1,000 population.		
	T.	C.	Q.	Lbs.	£	s.	d.
1940-41	17	6	-	18	68	5	4
1941-42	16	15	2	10	71	10	8
1942-43	17	8	1	20	93	3	9
1943-44	16	5	1	6	82	6	9
1944-45	11	10	2	21	64	17	8
1945-46	9	14	3	3	53	1	9
1946-47	7	14	1	4	48	12	2
1947-48	6	18	2	3	45	9	5
1948-49	8	14	-	5	57	19	5
1949-50	7	7	2	21	32	13	8
1950-51	9	9	-	4	89	17	4
1951-52	12	13	1	21	225	6	10
1952-53	12	16	3	16	119	1	0
1953-54	13	15	2	15	117	19	0

WATER SUPPLY.

The District of Aireborough is provided with two public water supplies, viz. the Guiseley undertaking which is owned by the Aireborough Urban District Council and provides water to the Parish of Guiseley, and the Yeadon Waterworks Company, which is a Private Company, and supplies the remainder of the district.

Thirty-eight samples of water were taken for bacteriological and chemical examination of the public supplies by the Sanitary Inspector's Department and were satisfactory.

The supply provided by Guiseley is chiefly borehole water from the Netherfield Road and Moor Top boreholes. The Yeadon supply is mainly from the Hawksworth Moors gathered into Reva Reservoir, the supply is supplemented from additional boreholes.

The water gathered from the moors is plumbo-solvent, but same is adequately treated and of eight samples taken all were satisfactory.

The approximate number of houses not on a public water supply in the District is 91, but the majority of these have a piped supply from private sources. There are no standpipes in the district. The number of dwelling houses on the public supply is 8,427 with an approximate population of 27,560.

The Council purchased the borehole at Greenbottom, belonging to the Oak Weaving Company Ltd., for the sum of £3,100.

Chemical Reports upon Raw Water.

	<u>Moorland supply. Yeadon.</u>	<u>Borehole supply Guiseley.</u>
	Parts per million	Parts per million
Total Solids	100	210
Silica		20
Iron	Nil	1.60
Manganese	Nil	0.32
Calcium		29
Magnesium	Nil	16
Sodium		18
Sulphate		40
Chloride	18	17
Carbonate		63
Total Hardness	45	137
Temporary Hardness		106
Permanent Hardness		31
Hardness due to Calcium		72
" " " Magnesium		65
Free & Semi-combined CO ₂		96
Semi-combined CO ₂		46
Free CO ₂		40
pH		6.6
Free Ammonia	0.01	0.03
Albuminoid Ammonia	0.01	0.04
Nitrous Nitrogen	Nil	Nil
Nitric Nitrogen	0.55	0.63

HOUSING

During the year of 1953 the total number of houses erected was 123 comprising 75 Council Houses of which 33 were built in the Yeadon area and 42 in the district of Guiseley. The total number of private houses built was 48 of which 16 were built in Hawsworth, 11 in Guiseley, 12 in Rawdon and 9 in Yeadon. This makes the total of houses built since the war 709 of which 525 permanent and 50 temporary were built by the Council, the remaining 134 were built by private enterprise.

The Council are concentrating on the building of houses and flats on the Shaw Lane Estate. The whole of the Haw Estate was completed during the year, while private building is taking place on the continuation of the Trammere Estate and also at the Moorlands Estate off Bayton Lane.

The Frank Parkinson Homes were completed during the year and were officially opened by Mr. Arthur Parkinson. These Homes will be a great asset to the district. There is a Matron in charge of the Homes to give nursing care, help and advice to the Residents, an ideal which could be followed by many local authorities. The ever increasing number of aged people who live on their own need that kindly help and advice from time to time, this could be achieved in many ways if some person or persons were detailed to visit the aged people in their bungalows or homes in the district from time to time.

During the year 220 houses were inspected for housing defects and the number of inspections made for that purpose was 340.

5 houses were demolished as unfit for habitation with a displacement of 10 persons, 8 houses were closed as unfit for habitation and 15 persons were displaced, 5 houses were also demolished in a confirmed Clearance Area and 17 persons were displaced.

During the latter portion of the year Slum Clearance was again resumed and the following four areas were declared for the demolition of 59 houses, 12 other buildings and a displacement of 193 persons.

1. Church Street, Yeadon.
2. Ivegate, Yeadon.
3. Devonshire Place, Yeadon.
4. Eliot Grove, Guiseley.

Clearance Area No. 23. Church Street, Yeadon.

This area was inspected in November and considered by the Health Committee at their meeting on the 15th December. The area was subsequently confirmed by the Council on the 6th January, 1954.

The area consists of 12 houses and 8 other buildings. The number of people residing in the area is 34.

<u>Map reference No.</u>	<u>Description & situation of the property.</u>
1	Block of 3 W.C.'s. adjoining Back Lane and Back Church Street, Yeadon.
2	Dwellinghouse No. 3. Church Street, Yeadon.
3	" No. 5. " " "
4	" No. 7. " " "
5	" No. 9. " " "
6	" No. 11. " " "
7	" No. 13. " " "
8	" No. 15. " " "
9	Block of 2 W.C.'s at rear of No. 15. Church Street, Yeadon.
10	Block of 2 W.C.'s in Back Church Street.
11	Outbuildings in Back Church Street.

Map reference No.Description & situation of the property.

12	Dwellinghouse No. 2. Back Church Street.
13	" No. 10. " " "
14	" No. 12. " " "
15	" No. 14. " " "
16	" No. 16. " " "

Clearance Area No. 24.

-

Ivegate, Yeadon.

This area was inspected in November and considered by the Health Committee at their meeting on the 15th December. The area was subsequently confirmed by the Council on the 6th January, 1954.

The area comprises 6 dwellinghouses, 2 derelict houses and one derelict under-dwelling. The number of people residing in the area is 16.

Map reference No.Description & situation of the property.

1	Dwellinghouse No. 14. Sandy Old Way, Yeadon.
2	Derelict house between 14, Sandy Old Way and 23, Ivegate, Yeadon.
3	Block of 2 W.C.'s.
4	Dwellinghouse No. 17, Ivegate, Yeadon.
4a	Derelict under-dwelling No. 9, Ivegate.
5	Dwellinghouse No. 19, Ivegate, Yeadon.
6	" No. 21, " "
7	" No. 23, " "
9	" No. 27, " "
10	Derelict house.
12	Block of 2 W.C.'s situate off Ivegate, Yeadon.

Clearance Area No. 25.

-

Devonshire Place, Yeadon.

This area was inspected in December and considered by the Health Committee at their meeting on the 15th December. The area was subsequently confirmed by the Council on the 6th January, 1954.

The area comprises 4 dwellinghouses and is occupied by 8 persons.

Map reference No.Description & situation of the property.

1	Dwellinghouse No. 5, Devonshire Place,
2	" No. 6; " "
3	Block of 2 W.C.'s and coal houses.
4	Dwellinghouse No. 3, Chapel Hill, Yeadon.
5	" No. 1, " " "

Clearance Area No. 26.

-

Eliot Grove, Guiseley.

This area, comprising 34 M.A.P. type brick-built bungalows on the Nunroyd Estate, Guiseley, was inspected during December and considered by the Health Committee at their meeting on the 15th December. The area was confirmed by the Council on the 6th January, 1954.

The area comprises 34 houses accommodating 135 persons.

Map reference No.Description & situation of the property.

1	Dwellinghouse No. 2, Ruskin Crescent, Guis.
2	" No. 4, " " "
3	" No. 2, Eliot Grove, Guiseley.
4	" No. 4, " " "
5	" No. 6, " " "
6	" No. 8, " " "
7	" No. 10, " " "
8	" No. 12, " " "
9	" No. 14, " " "

Map reference No.Description & situation of the property.

10	Dwellinghouse No.16, Eliot Grove, Guiseley.
11	" No.18, " " "
12	" No.20, " " "
13	" No.22, " " "
14	" No.24, " " "
15	" No.26, " " "
16	" No.28, " " "
17	" No.30, " " "
18	" No.32, " " "
19	" No.34, " " "
20	" No.36, " " "
21	" No.38, " " "
22	" No.40, " " "
23	" No.42, " " "
24	" No.44, " " "
25	" No.46, " " "
26	" No.48, " " "
27	" No.50, " " "
28	" No.52, " " "
29	" No.54, " " "
30	" No.56, " " "
31	" No.58, " " "
32	" No.60, " " "
33	" No.10, Shakespeare Road, Guis.
34	" No.12, " " "

Individual Houses.

The following individual houses were dealt with during the year:-

For Demolition

5, Town Street, Guiseley.
 5, Cuddy Hill, Guiseley.
 6, " " "
 7, " " "
 8, " " "

For Closure

52, Otley Road, Guiseley (Part)
 6, Intake, Rawdon.
 Bungalow, Harrogate Road, Rawdon.
 1, Haw Cottages, Yeadon.
 2, " " "
 3, " " "
 6, Suffolk Court/7, High Street.

Improvement Grants.

Seven applications were received during the year for improvements and three received approval by the Council and the Ministry of Housing and Local Government. The total costs of works and the grants approved were £978 and £489 respectively.

OVERCROWDING.

As far as can be ascertained the number of dwellings overcrowded at the end of the year 1953 was 2, the number of families dwelling therein was 2 and the total number of occupants was 19. One new case of overcrowding was reported and altogether five cases of overcrowding were relieved during the year, the number of persons concerned in such cases was 42. The 2 cases which are still overcrowded are houses belonging to the Council.

SMALL DWELLINGS ACQUISITION ACT AND HOUSING ACT.

During the year the Council approved advances of £8,910 on 5 newly erected properties of a value of £10,695. They also loaned £6,665 on 11 older type properties at a purchase price of £9,455, they also advanced the sum of £140 to carry out alterations and improvements to two properties valued at £580.

NUMBER OF HOUSES AND RATEABLE VALUE.

<u>District.</u>	<u>Up to £10</u> <u>rateable.</u>	<u>£11-£20</u> <u>rateable.</u>	<u>Over £20</u> <u>rateable.</u>	<u>TOTAL</u>
Hawthornth, Menston & Esholt.	61	349	372	782
Yeadon	1535	1531	252	3318
Guiselley	798	1390	269	2457
Rawdon	754	788	419	1961
	-----	-----	-----	-----
TOTAL	3148	4058	1312	8518
	-----	-----	-----	-----
Percentage	37.0	47.6	15.4	100%

PUBLIC CONVENIENCES.

The Department is responsible for the cleansing of the Public Conveniences at Micklefield Lane, Victoria Avenue, Albert Square, Town Hall Square, New Scarborough, Oxford Road and White Cross. Work was commenced on the erection of new Public Conveniences in Albert Square to replace the existing ones which are unsatisfactory.

SEWERAGE AND DRAINAGE.

Sewers have been extended for the provision of new houses at the Shaw Lane Estate. New sewers of larger dimensions were re-laid in Green Lane and Kirk Lane.

The number of houses not connected to the public sewers is approximately 160 due to absence of sewers.

SANITARY ACCOMMODATION.

During the year 123 new water closets were installed in new houses and 5 additional for old properties, the estimated number of water closets in the district being 10,564, comprising approximately 7853 dwellings with one w.c., 339 with two w.c.'s., and 188 houses with joint w.c.'s. The approximate number of w.c.'s in factories is 609, shops - 151, hotels and public houses 182, business premises - 185, public conveniences, schools and other premises 804.

There still remain 23 privy middens and 16 pail closets due to the absence of sewers or the property being in confirmed clearance areas.

SWIMMING BATHS.

There are two swimming baths in the district, four samples were taken during the year of which one was unsatisfactory.

FACTORIES AND WORKSHOPS.

Three notices were served during the year which referred to no adequate means of Escape in case of Fire. Three notices were also served in regard to unsatisfactory sanitary accommodation.

REGISTRATION OF HAIRDRESSING ESTABLISHMENTS.

The 23 hairdressing premises within the district were inspected during the year and duly registered under the West Riding County Council (General Powers) Act, 1951. The premises include 16 Ladies establishments, 6 Men's saloons and one establishment where both Ladies and Gent's hairdressing takes place.

Minor breaches of the byelaws were found in six of the premises, mainly confined to the need of re-decorating, but these were remedied informally. In all, 32 inspections and re-visits were made.

NEW HOUSES ERECTED.

<u>Year.</u>	<u>By L.A.</u>		<u>M.A.P.</u>	<u>Private Enterprise.</u>	<u>TOTAL.</u>	<u>Demolished.</u>	<u>Total Houses.</u>
	<u>Permanent.</u>	<u>Temporary</u>					
1953	75	-	-	48	123	10	8518
1952	71	-	-	21	92	9	8405
1951	34	-	-	11	45	6	8322
1950	82	-	-	4	86	4	8283
1949	61	-	-	9	70	-	8201
1948	82	-	-	9	91	-	8131
1947	102	-	-	11	113	-	8040
1946	18	50	-	21	89	1	7927
1942	-	-	501	-	501	1	7839
1940	5	-	-	5	10	111	7339
1939	76	-	-	32	108	71	7440
1938	66	-	-	337	403	-	7403
1937	40	-	-	204	244	123	7000
	712	50	501	712	1975	336	

SUMMARY OF HOUSES ETC. UNDER THE HOUSING ACTS

<u>Clearance Areas.</u>	<u>Houses Demolished.</u>	<u>Other buildings demolished.</u>	<u>Houses closed.</u>	<u>Persons displaced.</u>
Clearance Area No. 1.	14			38
" " " 2.	9			15
" " " 3.	8			26
" " " 4.	7			20
" " " 5.	6	2		4
" " " 6.	9	3		26
" " " 7.	11			24
" " " 8.	11	5		29
" " " 9.	15			46
" " " 10.	6			11
" " " 11.	7	2		25
" " " 12.	16	1		37
" " " 13.	2	2		3
" " " 14.	11			41
" " " 15.	27	11		78
" " " 16.	7			13
" " " 17.	19	1		62
" " " 18.	74	33		184
" " " 19.	10	1		43
" " " 20.	14	44		41
" " " 21.	30	11		92
" " " 22.	8	7		28
" " " 23.	12	8		34
" " " 24.	9	3		16
" " " 25.	4	1		8
" " " 26.	34			135
Individual Houses	59		29	
	439	93	29	1280

NUMBER OF DWELLING HOUSES.

	Number of houses at 31st March 1938.	Houses completed during 1939-53.	Houses demolished during 1939-53.	Number of houses at 31st Dec. 1953.
Guisseley	2121	396	60	2451
Esholt	151	1	-	152
Hawksworth	481	82	-	563
Menston	51	16	-	67
Rawdon	1778	193	10	1961
Yeadon	2821	640	143	3318
	7403	1328	213	8518

ESTIMATED POPULATION.

	District.	West Riding Mental Hospital.	Total	Density of population per acre.
1953	25,099	2,471	27,570	4.00
1952	24,974	2,526	27,560	4.00
1951	25,120	2,500	27,620	4.00
1950	25,237	2,483	27,720	4.00
1949	24,742	2,478	27,220	3.95
1948	24,685	2,475	26,660	3.87
1947	23,651	2,409	26,060	3.78
1946	23,562	2,338	25,900	3.76
1945	22,663	2,377	25,040	3.63
1944	22,832	2,428	25,260	3.67
1943	22,663	2,391	25,110	3.64
1942	22,397	2,403	24,800	3.60
1941	21,747	2,433	24,180	3.50
1940	20,599	2,281	22,880	3.3
1939	21,600	2,110	23,710	3.44
1938	20,960	2,040	23,000	3.34

ATMOSPHERIC POLLUTION.

The study of the pollution of the atmosphere in Aireborough was first commenced in July 1946, when apparatus for measuring the quantities of smoke and sulphur dioxide was set up in the Department's laboratory. The apparatus draws in air continuously from High Street to provide a daily reading of these two types of pollution, the result being expressed as a definite actual concentration of smoke and sulphur dioxide in a stated volume of air. The concentration of sulphur dioxide in the air is known to be much affected by weather conditions such as wind and rain, and for this reason day to day variations are considerably greater than that of the original emission of the gas from chimneys, flues, etc. The effects of the weather thus also show themselves in the monthly averages, as given below, with the result that the records of many years sampling are required before it is possible to draw any conclusions about changes, for better or worse, in the emission of sulphur dioxide.

The average daily values of the concentration of smoke and sulphur dioxide for each month of 1953 were:-

	SMOKE (mg per 100 cubic metres)	Sulphur DIOXIDE. (parts per 100 million)
January	22.80	4.42
February	11.93	4.42
March	22.92.	7.49
April	20.99	6.68
May	-	-
June	7.56	1.64
July	9.75	1.54
August	10.18	1.69
September	13.37	3.43
October	22.29	6.77
November	18.84	3.74
December	18.70	4.27
<hr/>		
Average daily reading for 1953.	16.30	4.19
Compared with 1952.	13.84	3.20
1951.	12.22	2.07
1950.	13.69	2.35
1949.	18.62	4.22
1948.	19.07	3.18
1947.	13.01	2.64
1946.	14.80	3.60

Given below are two tables revealing the yearly cycles of the monthly mean concentration of sulphur dioxide observed by the volumetric method, and the monthly mean concentration of suspended impurities, consisting chiefly of smoke. The column S5 contains the mean rate for the five summer months of May to September; column W5 contains corresponding values for November

to March of winter; and the ratio W5/S5 is shown in the last column. The results for April and October are only used for calculating the year's average figure, as during these months the need for artificial heating is extremely variable. From November to March fires are usually lighted as a matter of course, i.e., daily, while from May to September they are used very infrequently and occasionally during the daytime.

SMOKE. Monthly mean concentration in Mg/100 c. metres.

	Apr:	May:	Jun:	Jul:	Aug:	Sep:	Oct:	Nov:	Dec:	Jan:	Feb:	Mar:	Year:	S5	W5	W5 S5
'46-47				11	12	14	10	21	21	12	8	13	13.6	12.3	15.0	1.2
'47-48	10	8	?	8	8	14	17	20	23	27	17	25	16.3	9.6	22.7	2.4
'48-49	16	14	11	11	?	14	20	29	24	28	24	20	19.3	12.8	25.0	1.9
'49-50	18	18	11	8	10	13	24	27	20	14	20	21	17.2	12.3	20.4	1.7
'50-51	12	8	8	6	7	11	16	24	17	17	19	16	13.5	8.1	18.8	2.3
'51-52	13	7	6	7	7	11	16	12	15	16	18	12	11.8	7.6	14.8	1.9
'52-53	14	7	9	7	6	11	27	18	19	23	12	23	14.7	8.0	19.1	2.4
'53-54	21	-	8	10	10	13	22	19	19	14	16	11	14.8	10.2	15.6	1.5

SULPHUR DIOXIDE. Monthly mean values in Vols/100 million.

'46-47				1	2	2	1	5	9	3	2	3	3.3	1.9	4.4	2.3
'47-48	3	2	?	2	1	2	4	3	4	1	3	4	2.7	1.8	3.1	1.7
'48-49	3	3	3	3	?	2	3	5	4	2	5	4	3.4	2.8	4.0	1.4
'49-50	6	9	3	2	2	3	6	6	3	3	4	5	4.2	3.7	4.0	1.1
'50-51	3	3	2	1	1	1	1	2	3	3	3	3	2.2	1.6	2.8	1.7
'51-52	3	1	1	2	2	2	3	1	1	3	5	2	2.2	1.6	2.7	1.6
'52-53	3	2	2	2	2	2	5	3	5	4	4	7	3.6	2.3	4.8	2.1
'53-54	7	-	2	2	2	3	7	4	4	6	7	4	4.2	2.1	4.8	2.3

LEAD PEROXIDE CANDLE.

On the 1st May 1950 a lead peroxide candle was placed on Yeadon Moor for monthly exposures to the air; so that the lead peroxide would absorb sulphur dioxide from an undeterminable volume of air. The results obtained are monthly values, reduced to weights per day per area of candle - not volumetric as above - and will be of statistical use eventually to show the yearly cycle of deposited lead sulphate. In settled weather conditions the candle absorbs sulphur dioxide at a rate proportional to the concentration of the gas in the air, but it is greatly affected by any changes in the weather - the moisture surface in winter is more reactive than in summer - but over lengthy periods during either winter or summer, and particularly with a few years' figures available, the effects of weather conditions are not so great as with the volumetric system.

1953		S.O ₃	
		Mg per day per 1,000 square cm.	
January	20.88	May	8.64
February	24.66	June	4.95
March	10.80	July	7.83
April	7.65	August	6.03
		September	13.86
		October	23.67
		November	33.75
		December	23.94

Mean rate of
sulphation:

1953.....15.6
1952.....14.1
1951.....15.0
8 months 1950....10.1

Mean rate of
sulphation
summer months

May-Sept. 1953..... 8.3
1952..... 8.7
1951..... 10.0
1950..... 5.1

Mean rate of
sulphation
winter months

Nov-March. 1953-4..... 25.2
1952-3..... 19.1
1951-2..... 18.5
1950-51..... 22.5

W5/S5

1-1953-54..... 3.0
1952-53..... 2.2
1951-52..... 1.8
1950-51..... 4.4

A Deposit Gauge, of standard pattern, was placed on open ground on Yeadon Moor on the 1st September, 1947, at a height above sea level of 655 feet, for the deposit of atmospheric pollution, and the analysis was carried out monthly by the County Analysts.

Damage to the glass-ware was quite frequent - frost in Winter and high winds in Autumn - so that in February of 1949, an experiment in the use of stainless steel collecting bowls and receivers was instituted for the Yeadon Moor Standard Gauge, and this use has continued with apparently quite successful results, with no parts of the gauge liable to any damage from any type of weather experienced in this area.

Yeadon Moor - Standard Gauge.

Tons deposited per sq. mile in 1953.

	Soluble in CS ₂	Ash	Other combustible matter	Total Insoluble matter	Ca++	Cl' SO ₄ "	Total Soluble matter.	Total Solids.
Jan.	0.07	0.87	0.91	1.86	0.14	0.58 1.57	4.01	5.86
Feb.	0.14	3.28	1.82	5.24	0.11	2.04 1.38	4.48	9.72
March.	0.07	6.41	2.59	9.07	0.33	0.95 2.08	5.24	14.31
April.	0.07	3.90	1.60	5.57	0.29	0.87 2.44	8.16	13.73
May.	0.11	3.57	0.55	4.22	0.22	0.58 1.93	6.12	10.34
June.	0.11	1.89	2.73	4.73	0.18	0.58 2.62	7.28	12.02
July.	0.07	4.08	4.01	8.16	0.51	0.91 3.24	7.65	15.81
Aug.	0.07	2.26	1.06	3.39	0.36	0.91 2.73	7.57	10.96
Sept.	0.11	3.93	4.01	8.05	0.44	0.95 1.38	7.87	15.92
Oct.	0.11	3.64	2.22	5.97	0.29	2.26 3.09	8.30	14.27
Nov.	0.11	3.31	3.50	6.92	0.58	1.31 3.35	8.34	15.26
Dec.	0.15	3.68	2.88	6.70	0.33	1.42 3.06	8.70	15.40
YEAR'S TOTAL	1.19	40.82	27.88	69.88	3.78	13.36 28.87	83.72	153.60

It soon became apparent that such a single gauge could not provide reasonable or reliable readings for an area the size of Aireborough Urban District, nor for one of such variety of trades and land usages. The ideal appeared to be for numerous gauges to be spaced out over the District on a grid system, and at least to be at half-mile intervals; the obstacle to such a scheme would be the initial costs of installation and the monthly costs of full analyses. Maintenance, too, could prove expensive, if a winter of severe frosts damaged the glass receivers.

Thus a simplified deposit gauge and a simplified analysis were essential. Some five small gauges, of our own construction on similar lines to the Standard Gauge, were manufactured and sited on a line across the District from West to East, covering a variety of localities and at varying altitudes; and the monthly analyses were carried out in our own laboratory, determining only the total soluble and insoluble matters. These came into operation on the 1st May, 1948.

Finally, commencing 1st June, 1949, we placed a further two gauges of our own design in central areas, one at Guiseley to catch deposits from industry, and the other at Yeadon in the track of winds crossing a developing housing estate:-

The seven gauges were thus sited at:-

West:	Reva Reservoir	-	on open moorland - 725 ft. above sea level
	Guiseley Moor	-	on agricultural land - 750 ft. above sea level
	Mount Pleasant	-	on residential land - 555 ft. above sea level
	Nunroyd Park	-	within industrial area - 450 ft. above sea level
	Yeadon Cemetery	-	in developing residential land - 660 ft. above sea level
	Yeadon Moor	-	on open ground - 655 ft. above sea level.
East:	Layton Lane	-	on residential land - 525 ft. above sea level.

Although the ideal is not yet reached, we have the District fairly well covered with gauges, and, as the tabulated results show, the diversity of readings obtained do give a better picture of atmospheric pollution for Aireborough than would have been the case with a single Standard Gauge situated on Yeadon Moor.

1953 Deposited Solids - All Gauges.

Annual weights in tons per square mile.

	<u>Reva.</u>	<u>Guiseley</u>	<u>Mount</u>	<u>Nunroyd.</u>	<u>Yeadon.</u>	<u>Yeadon</u>	<u>Rawdon.</u>
		<u>Moor.</u>	<u>Pleasant.</u>			<u>Moor.</u>	
Collected.	118	138	135	207	191	154	164
No. of months collected.	11	12	10	12	11	12	11
Av. monthly collection.	10.7	11.5	13.5	17.3	17.4	12.8	14.9
Adjusted annual Total	129	138	162	207	209	154	179
c/f .. 1952	114	127	169	182	174	154	184
1951	141	169	157	217	206	190	233
1950	132	165	154	199	179	153	185
1949	141	139	167	186	247	157	185
1948	108	142	-	167	-	160	163
			<u>1953</u>	<u>1952</u>	<u>1951</u>	<u>1950</u>	<u>1949</u>
Average monthly deposit - entire district			14.0	13.0	15.5	13.8	14.2
							11.6
Average annual deposit - entire district			168	146	185	167	170
							139

The deposit gauge is used to calculate the rate at which solid materials in the atmosphere are deposited at ground level, and so, by inference, the rate at which these solids are emitted into the air. The diversity of the results from month to month in one gauge does show that variations in actual emission only account for a very small part of the differences; the differences are mostly due to all weather factors - a wind may take solids away from the district, or it may bring others to it; rain may wash down a greater part of all solids; fine hot weather with rising air lifts and carries away the particles in still air and during the fog periods, the results of local open fires falls in the immediate vicinity of the chimney. On the average over a long period of time, however, rainfall, winds and other weather conditions are approximately constant; smoke emissions are obviously not so. Thus by determining mean values over long periods, i.e. five years - more accurate changes in emissions of pollution in any one area may be stated, and more accurate comparisons made between the winter and summer months.

At this stage in the study of atmospheric pollution in Aireborough, however, it is only possible to determine an average value over a period of three years, and thus barely commence to obtain any figures for comparison purposes.

TOTAL DEPOSITS - Average values over 3-year periods.

	<u>1947-50</u>	<u>1948-51</u>	<u>1949-52</u>	<u>1950-53</u>
Réva	-	117.17	131.45	129.00
Guiseley Moor	-	148.06	151.84	149.75
Mount Pleasant	-	-	162.01	160.50
Nunroyd	-	187.00	199.96	201.25
Yeadon Cemetery	-	-	207.70	192.00
Yeadon Moor	139.80	150.87	163.86	162.75
Rawdon	-	190.99	209.59	195.25

CONCLUSION

With the exception of the Yeadon Moor Gauge and those at Mount Pleasant and Rawdon the annual figures for 4 gauges show an increase in the amount of solids deposited per square mile, and this also reveals itself generally in the two average figures evolved for 1953, i.e., the average monthly deposit has risen from 13 tons per square mile to 14, and consequently the average annual deposit has increased from 146 tons per square mile to 168, but this latter figure is still considerably below the highest tonnage recorded, which was 185 in 1951. A study of the last table shown, of the average values reach gauge over 3-year periods, it be noted that just a small decrease in the figures exemplify by that of Yeadon Moor where the average value of the period 1950-53 was 162 compared with 164 the year before, were considerably higher in the first 3-year period record in 1947-50 where it was only 140.

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A P P E N D I X

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APPENDIX

HEALTH SERVICES PROVIDED BY THE WEST RIDING COUNTY COUNCIL PUBLIC HEALTH DIVISION 5

The Division consists of the following Districts:-

	Population (Mid 1953)	Area (in acres)
Pudsey Borough	30,660	5,323
Horsforth Urban District	13,950	2,706
Aireborough Urban District	27,570	6,856

DIVISIONAL STAFF

Divisional Medical Officer and Divisional School Medical Officer

G.P. HOLDERNESS, M.B., Ch.B., D.P.H.

Senior Assistant County Medical Officer

HELEN M. MITCHELL, M.B., Ch.B.

Assistant County Medical Officer

CECILIA TAYLOR, M.B., Ch.B., D.C.H.

Clinic Medical Officers (Part-time)

KATHLEEN B. CARR, M.B., Ch.B.

C.W. DUDLEY, M.B., Ch.B.

T.H. ELMER, M.B., Ch.B.

W.W. POLLOCK, M.B., Ch.B.

N. PYECROFT, M.C., M.B., Ch.B., M.R.C.S., L.R.C.P.

G. TWYNHOLM-MASON, M.B., Ch.B.

Dental Officers

S. MITCHINSON, L.D.S.

S. LEVINSON, L.D.S.

P.W. THORNTON, L.D.S.

Superintendent Health Visitor

Vacant

Health Visitors and School Nurses

MISS P.I. ADAMSON, S.R.N.

MRS. M.A. BURGOYNE, S.R.N., S.C.M., R.M.P.A., H.V. Cert.

MISS E.B. CRIBB, S.R.N., S.C.M., H.V. Cert.

MRS. M. DAVE, S.R.N., S.C.M., H.V. Cert.

MRS. E.E. GREEN, S.R.N., S.C.M., H.V. Cert.

MRS. N.S. HOLLIDAY, S.R.N., S.C.M., H.V. Cert.

MRS. I. MORTIMER, S.R.N., S.C.M., H.V. Cert.

MISS A.J. MOVERLEY, S.R.N., S.C.M., H.V. Cert.

MISS M.E. MARGERISON, S.R.N., S.C.M., H.V. Cert.

MRS. H. SHANN, S.R.N., S.C.M., H.V. Cert. (Resigned July, 1953).

MRS. J.B. SWIFT, S.R.N., S.C.M., H.V. Cert. (Resigned November, 1953).

MISS E.B. WHITAKER, S.R.N., S.C.M., C.R.S.I., H.V. Cert.

Tuberculosis Health Visitors

MRS. S.A. CUNLIFFE, S.R.N.

MRS. V. HARTLEY, S.R.N. (Retired July, 1953).

Assistant Health Visitors

MISS A.L. ADAMSON, S.R.N., S.C.M. (Part-time)
MRS. B.J. EDWARDS, S.R.N. (Appointed September, 1953).

Midwives

MISS W. GIBSON, S.R.N., S.C.M. (Relief)
MISS J.M. HARDY, S.R.N., S.C.M. (Transferred January, 1953)
MRS. D. LAURIE, S.C.M.
MISS R. RICHARDSON, S.R.N., S.C.M.
MRS. J.I. ROBERTS, S.R.N., S.C.M. (Resigned May, 1953).
MRS. M. RUST, S.R.N., S.C.M.
MRS. M. WATTS, S.R.N., S.C.M.
MISS J.E.P. WHITFIELD, S.R.N., S.C.M.
MRS. G.M. WOODHALL, S.R.N., S.C.M.

Home Nurses

MRS. H.M. BURNELL, S.R.N., S.C.M., Queen's Nursing Sister,
(Relief)
MISS J.E. HARDY, S.R.N., S.C.M. Queen's Nursing Sister.
MISS O.M. ILLINGWORTH, R.M.P.A.
MRS. O.L. LONGLEY, S.R.N.
MRS. A.L. PARNHAM, S.R.N., S.C.M.
MISS N.M. ROBSON, S.R.N.
MRS. A. WALTON, S.E.A.N.
MRS. D. WARD, S.R.N.
MISS A. WILKINSON, S.R.N., S.C.M. (T.B. Nurs.Cert).
Queen's Nursing Sister.
MRS. D. WILSHAW, S.R.N., S.C.M. Queen's Nursing Sister.

Day Nursery Matrons

Guiseley - MISS E.N. CANHAM, Nursery Nurse Certificate R.S.I.
Nursery Training College
Certificate.
Yeadon - MRS. D. GUNLIFFE, S.R.N.
Pudsey - MISS E. MOORE, S.R.N., S.C.M.
Horsforth - MRS. I. BRADLEY, S.R.N.

Mental Health Social Worker

MISS E. BUCK.

Mental Health Home Teacher

MISS M. MOXON (Transferred April, 1953).
MRS. J. ROOKS (Appointed April, 1953).

V.D. Social Worker

MISS E.M. SENIOR, S.R.N., S.C.M., H.V. Cert.

Speech Therapist

MISS K. THOMAS, L.C.S.T.

CONSULTANT STAFF AT SPECIALIST SCHOOL CLINICS
(Provided by Leeds Regional Hospital Board)

Consultant Ophthalmologist

R. BURNS, M.B., Ch.B., B.A.O.

Consultant Aural Surgeon

H. MORUS JONES, M.C., F.R.C.S., D.L.O.

Consultant Orthopaedic Surgeon

J. WISHART, M.B., F.R.C.S.E.

(Provided by Leeds University Department of Paediatrics)

Paediatrician

R.J. PUGH, M.B., Ch.B., M.R.C.P.

MIDWIFERY AND MATERNITY SERVICES

1. Births

The births notified during the year assignable to the Division were as follows:-

	DOMICILIARY		INSTITUTIONAL		TOTAL
	LIVE	STILL	LIVE	STILL	
PUDSEY M.B.	106	-	374	6	486
HORSFORTH U.D.	28	1	156	3	188
AIREBOROUGH U.D.	60	2	266	6	334
TOTALS	194	3	796	15	1008

It is evident from the above figures that the present trend towards confinement in hospitals and maternity homes in preference to confinement at home continues, only 20 per cent of confinements taking place at home. One of the main factors responsible for this situation is the ready availability of beds in maternity units provided by the Regional Hospital Board in this area.

2. Domiciliary Midwifery

The number of midwives in the Division was reduced during the year from nine to seven by the resignation of Mrs. Roberts in Pudsey and the transfer of Miss Hardy from Aireborough to Otley. In view of the reduction in the amount of domiciliary midwifery no new appointments were made to replace these midwives, but their areas were allocated to the remaining midwives. One of the midwives undertakes relief duties in the Division.

The number of domiciliary confinements attended by midwives during the year was as follows:-

	Attended by County Midwives		Attended by Indepen- dent Midwives	
	(Dr. not present)	(Dr. present)	As Midwives	As Maternity Nurse
PUDSEY M.B.	96	4	-	-
HORSFORTH U.D.	33	2	-	-
AIREBOROUGH U.D.	60	8	-	-
TOTALS	189	14	-	-

In addition to domiciliary confinements, the midwives also attended 570 cases confined in hospitals and maternity homes who were discharged home before the end of the lying-in period.

All the midwives are qualified to administer Gas and Air Analgesia and are equipped with the necessary apparatus. They are also authorised to administer pethedine analgesia. The following table gives the number of cases in which these analgesics were administered by domiciliary midwives during the year:-

	<u>Gas and Air</u>	<u>Pethedine</u>
PUDSEY M.B.	75	44
HORSFORTH U.D.	23	12
AIREBOROUGH U.D.	47	24

3. Institutional Confinements

All applications for Regional Hospital Board maternity accommodation for expectant mothers in this Division are made by the ante-natal clinic or the patient's own doctor, to the Ilkley and Otley Hospital Management Committee, and accommodation is booked in one or other of the following maternity homes according to the wishes of the patient:-

Four Gables Maternity Home, Horsforth	20 beds
The General Hospital, Otley	20 beds
St. Winifred's Maternity Home, Ilkley	12 beds

At each of these units it is possible for the patient's own doctor to attend the confinement if desired.

A Health Visitor on the divisional establishment visited the Four Gables Maternity Home, Horsforth, weekly for the purposes of liaison, but these arrangements were suspended in November owing to the resignation of the health visitor concerned.

Prior notice of the discharge of maternity cases from the Maternity Units under the control of the Ilkley and Otley Management Committee is sent direct to the Divisional Public Health Office, thus enabling immediate follow up by the midwife or the health visitor, as appropriate, to be arranged.

4. Ante-Natal and Post-Natal Clinics

Prior to the inception of the National Health Service ante-natal care was mainly provided at the ante-natal clinics of local authorities. Now an increasing number of general practitioners are providing ante-natal care for their booked patients under the Maternity Medical Service of the National Health Service Act and more women are seeking a bed in hospital. These factors have led to a marked reduction in attendances at some of the clinics.

The following attendances were made during the year:-

NAME OF CLINIC	NO. OF SESSIONS HELD PER MONTH	NO. OF PATIENTS WHO ATTENDED DURING THE YEAR		TOTAL NO. OF ATTENDANCES	
		ante-natal	post-natal	ante-natal	post-natal
PUDSEY	4	257	59	1063	59
FARSLEY	4	158	2	602	2
CALVERLEY	1	77	19	294	19
HORSFORTH	2	15	5	52	5
RAWDON	1	26	10	91	10
YEADON	2	39	8	137	8
GUISELEY	4	29	9	72	10

5. Ante-Natal Relaxation Exercise Clinics

These clinics, by teaching the mother the functions of labour pains and the course of labour, by teaching her relaxation and preparing her for labour by a course of ante-natal exercises, can do much to help her to approach her confinement with understanding and confidence..

These facilities were only available in the Borough of Pudsey during the year, but it is intended to extend them to the rest of the Division when possible.

Ante-Natal Relaxation Exercise Clinics

NAME OF CLINIC	NO. OF SESSIONS HELD PER MONTH	NO. OF PATIENTS WHO ATTENDED DURING THE YEAR	TOTAL NO. OF ATTENDANCES
PUDSEY	4	25	125
FARSLEY	4	12	51
CALVERLEY	4	41	199

6. Dental Treatment for Expectant Mothers

Facilities are available for expectant and nursing mothers to receive priority dental treatment through the County Council's Scheme either at the County's Dental Clinic, Richardshaw Lane, Pudsey, or from their own dentist.

CHILD WELFARE SERVICES

1. Infant Welfare Clinics

The following attendances were made during the year:-

INFANT WELFARE CENTRES - 1953

CLINIC	NO. OF SESSIONS PER MONTH	NO. OF CHILDREN UNDER 1 YEAR OF AGE WHO FIRST ATTENDED A CENTRE OF THIS LOCAL AUTHORITY DURING THE YEAR	NO. OF CHILDREN WHO ATTENDED DURING YEAR AND WERE BORN IN			TOTAL NUMBER OF CHILDREN WHO ATTENDED	NO. OF ATTENDANCES MADE BY CHILDREN WHO AT DATE OF ATTENDANCE WERE				TOTAL ATTEN- DANCES
			1953	1952	1951 - 1948		Under 1 year	1 - 2 years	2 - 5 years		
PUDSEY	8	198	196	166	156	518	2912	605	229	3746	
FARSLEY	4	107	98	87	125	310	1681	420	322	2423	
CALVERLEY	4	62	65	54	71	190	1105	291	335	1731	
HORSFORTH	4	132	116	115	101	332	1981	551	337	2869	
RAWDON	4	64	55	46	94	195	767	250	351	1368	
YEADON	4	94	88	90	108	286	1570	370	236	2176	
GUISELEY	4	99	86	86	125	297	1516	472	480	2468	
TOTALS	32	756	704	644	780	2128	11532	2959	2290	16781	

2. Day Nurseries

The demand for day nursery accommodation continues and apart from casual absence due to sickness, all the day nurseries have been fully used and have considerable waiting lists. Children in the age range 0-5 years are admitted and the categories eligible for admission, in order of priority, are as follows:-

- (a) The young child whose mother is ill or having a baby.
- (b) The illegitimate child whose mother is seeking work.
- (c) Children of parents who cannot find suitable homes or are living in overcrowded and/or insanitary dwellings.
- (d) The young child of the widow who must educate and support her family unassisted, and also the young child of the mother whose husband is ill.
- (e) The child whose mother is engaged in the textile industry or other export industry.
- (f) The child whose mother is engaged in the armaments industry.
- (g) Other reasons.

The nurseries are recognised by the Ministries of Health and Education as training centres for students for the certificate of the National Nursery Examination Board.

All the children attending the nurseries are medically examined monthly, and diphtheria immunisation is also carried out when necessary.

NAME OF DAY NURSERY	AVERAGE DAILY ATTENDANCE DURING YEAR			
	0	-	2	5
PROVIDENCE HOUSE, STANNINGLEY	13			16
SUNNYBANK AVENUE, HORSFORTH	8			20
WHACKHOUSE LANE, YEADON	8			22
OXFORD ROAD, GUISELEY	10			23

3. Premature Infants

Special equipment for use in the nursing of premature babies at home is stationed at the Ridsay Ambulance Depot from which it can be delivered to the home at any time day or night at the request of a doctor or midwife. Nurse Gibson and Nurse Roberts have attended a special course of instruction in the care of premature babies at the Sorrento Maternity Home, Birmingham, and arrangements have been made for them to be notified of all premature births in order that they can advise and assist the domiciliary midwives as to their care.

Provision is made on the notification of birth card for the birth weight of the infant to be stated, and if it is $5\frac{1}{2}$ -lbs. or less the infant is considered to be premature.

There were 61 premature babies born alive during the year, of which 53 survived over 28 days, giving a survival rate of 86.9 for the Division as compared with 83.7 for the Administrative County. The average rate for the years 1950 - 52 was 84.5 for the Division and 82.9 for the Administrative County.

Particulars of survival are shown in the following table:-

PREMATURE BABIES BORN DURING 1953 TO MOTHERS NORMALLY RESIDENT IN THE DIVISION

	Born dead			Died in first 24 hours			Died on 2nd to 7th day			Died on 8th to 28th day			Survived 28 days			Total		
	Under 3 lbs	3 lbs to 4 lbs	4 lbs to 5½ lbs	Under 3 lbs	3 lbs to 4 lbs	4 lbs to 5½ lbs	Under 3 lbs	3 lbs to 4 lbs	4 lbs to 5½ lbs	Under 3 lbs	3 lbs to 4 lbs	4 lbs to 5½ lbs	Under 3 lbs	3 lbs to 4 lbs	4 lbs to 5½ lbs	Under 3 lbs	3 lbs to 4 lbs	4 lbs to 5½ lbs
BORN AT HOME																		
PUDSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HORSFORTH	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
AIREBOROUGH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*5	-	-	*5
BORN IN PRIVATE NURSING HOME																		
PUDSEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HORSFORTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AIREBOROUGH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BORN IN HOSPITAL																		
PUDSEY	1	3	-	2	2	1	-	-	-	-	-	-	-	3	22	5	23	23
HORSFORTH	-	2	1	-	-	-	1	-	-	-	-	-	1	-	7	4	8	8
AIREBOROUGH	1	-	1	-	-	1	1	-	-	-	-	-	2	1	12	3	14	14

* Includes one case transferred to hospital on or before the 28th day.

" Private Nursing Homes" includes Nursing Homes and Maternity Hospitals or Homes not in the National Health Service.

4. Care of the Unmarried Mother and her Child

The Health Visitors visit all unmarried mothers and their children who come to the notice of the Health Department to give any necessary help and advice. Effective co-operation exists between the Divisional Public Health Office and the various statutory and voluntary bodies who may be concerned in dealing with the many social problems which these cases frequently present.

The County Council accept financial responsibility within prescribed limits for unmarried mothers admitted to Homes for Unmarried Mothers. Three mothers and their babies who were residents in the Division were admitted to such Homes during the year under these arrangements.

The number of illegitimate live births in the Division during the year was as follows:-

	Illegitimate live births	Percentage of total live births
PUDSEY M.B.	20	4.2%
HORSFORTH U.D.	4	2.2%
AIREBOROUGH U.D.	15	4.5%

HEALTH VISITING

Prior to 1946 the health visitor was concerned mainly with the welfare of mothers and young children under five years, and although this still continues to be an important part of her work, she is now also concerned, as health teacher and family adviser, with the promotion of health within the whole family. This extension of her work is reflected in the number of other visits made by the health visitors.

During the year practical work was arranged in the Division for health visitor students, who were taking the course of training, arranged jointly by the County Council and the University of Leeds, for the Health Visitors' Certificate.

Details of the Health Visitors' work are given in the following table:-

	NO. OF CHILDREN UNDER 5 YEARS OF AGE VISIT- ED DURING YEAR	EXPECTANT MOTHERS		CHILDREN UNDER 1 YEAR OF AGE		CHILDREN AGE 1 AND UNDER 2 YEARS OF AGE		CHILDREN AGE 2 BUT UNDER 5 YEARS OF AGE		TUBERCULOUS HOUSEHOLDS	OTHER CASES
		First visits	Total visits	First visits	Total visits	First visits	Total visits	First visits	Total visits	Total visits	Total visits
PUDSEY M.B.	1307	52	132	450	3002	2287	3486	499	2846		
HORSFORTH U.D.	818	16	30	192	678	344	876	275	1639		
AIREBOROUGH U.D.	2030	65	118	324	2051	1547	2253	364	2942		

HOME NURSING

The work undertaken by the Home Nursing Service continues to be very heavy. The Service has, however, by enabling more patients to be nursed at home and by making possible the early discharge of patients from hospitals, fulfilled an urgent need by relieving the pressure on hospital accommodation. Fortunately we have had throughout the year our full establishment of home nurses, including a relief nurse.

The number of cases attended during the year in the Division shows an increase of 282 on the previous year, and 43 per cent of the cases were aged 65 or over.

Increasing use is being made of the home nurses by general practitioners for the giving of injections, and 8815 visits were made by the nurses for this purpose only.

Very close and effective liaison is maintained with general practitioners and the various hospitals in relation to this service.

Each nurse has under her care articles of equipment for loan to patients who are being nursed at home. Large articles of equipment such as wheel-chairs, etc. are stored at the Divisional Public Health Office, and are available for loan to patients as required.

The work performed by Home Nurses during the year is as follows:-

Number of cases attended by Home Nurses during the year

Number of visits paid by Home Nurses during the year

PUDSEY HORSFORTH A'BORO. PUDSEY HORSFORTH A'BORO.

Medical	468	285	451	9458	4569	9634
Surgical	257	138	103	4349	2150	1975
Infectious Disease	-	-	-	-	-	-
Tuberculosis	2	8	10	72	148	134
Maternal Complications	6	2	2	59	21	14
Totals	733	433	566	13938	6888	11757

Patients included in above who were aged 65 or over at the time of the first visit during the year	268	205	278	7214	3491	7303
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Children included in above who were under 5 years of age at the time of the first visit during the year	82	16	25	811	85	215
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Patients included in above who have had more than 24 visits during the year	86	47	60	6050	2258	3534
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HOME HELP SERVICE

A further expansion of this service took place during the year to meet the increased demands. The number of cases provided with a home help during the year increased by 100 as compared with the previous year. The number of home helps employed at the end of the year was 55 as compared with 46 at the end of the year 1952.

CASES PROVIDED WITH DOMESTIC HELP DURING YEAR

AREA	MATERNITY (includ- ing expec- tant mothers)	TUBER- CULOSIS	CHRONIC SICK (includ- ing aged and infirm	OTHERS	TOTAL
PUDSEY M.B.	47	2	105	35	189
HORSFORTH U.D.	25	1	58	20	104
AIREBOROUGH U.D.	49	5	92	40	186
TOTAL CASES	121	8	255	95	479
TOTAL HOURS WORKED	8224	1563	40,987	7,223	57,997

MENTAL HEALTH SERVICE

Miss E. Buck, one of the County Council's Mental Health Social Workers, undertakes duties in connection with the supervision and training of mentally defective persons in the Division, who are under statutory supervision, guardianship or on licence from Institutions. She is also concerned with the after-care of persons discharged from Mental Hospitals although little work has been done in this direction, as very few requests for after-care have so far been received.

Mrs. Rooks replaced Miss M. Moxon as Home Teacher in April and undertakes the training of defectives in their own homes.

Arrangements have been made with the Leeds Mental Health Service for children who have been reported to the Local Health Authority as ineducable, and who are living at home, to attend Occupation Centres in Leeds. The majority of the cases attend the West Leeds Centre, Armley Grange, Stanningley Road, Leeds. Free transport is provided to and from the Centres.

The Duly Authorised Officer whose duty it is to take initial proceedings for the care and treatment of persons of unsound mind under the Lunacy and Mental Treatment Acts, is Mr. J. Rollisson, Divisional Welfare Office, Bradford.

Particulars of Mental Defectives as on the 1st January, 1954

	PUDSEY		HORSFORTH		AIRE-BOROUGH		TOTAL	
	M	F	M	F	M	F	M	F
1. Number of Ascertained Mental Defectives found to be "subject to be dealt with"								
(a) On Licence from Institutions								
Under 16 years of age	-	-	-	-	-	-	-	-
Over 16 years of age	3	1	-	-	-	-	3	1
(b) Under Guardianship (including cases on licence therefrom)								
Under 16 years of age	-	-	-	-	-	-	-	-
Over 16 years of age	-	-	-	-	1	-	1	-
(c) Under Statutory Supervision (excluding cases on licence)								
Under 16 years of age	7	4	5	1	3	2	15	7
Over 16 years of age	7	9	8	4	7	4	22	17
Number of Cases included in (b) and (c) above awaiting removal to an Institution	1	1	1	-	-	1	2	2
Number of Mental Defectives not at present "subject to be dealt with", but over whom some form of voluntary supervision is maintained								
Under 16 years of age	-	-	-	-	-	-	-	-
Over 16 years of age	4	3	3	3	4	1	11	7
Number of Mental Defectives receiving training:-								
(a) In Occupation Centres								
Under 16 years of age	3	-	4	1	3	1	10	2
Over 16 years of age	-	1	1	-	-	1	1	2
(b) At home	1	2	-	1	2	2	3	5
II OF THE TOTAL NUMBER OF MENTAL DEFECTIVES KNOWN TO THE LOCAL HEALTH AUTHORITY								
(a) Number who have given birth to children during 1953								
(i) After marriage	-	-	-	-	-	-	-	-
(ii) While unmarried	-	-	-	-	-	-	-	-
(b) Number who have married during 1953	-	-	-	-	-	-	-	-

DIPHTHERIA IMMUNISATION AND VACCINATION

Diphtheria immunisation and vaccination is the responsibility of the West Riding County Council as Local Health Authority, and is carried out free of charge at all the Infant Welfare Clinics, at special sessions held in the schools, or by private medical practitioners

Diphtheria Immunisation

Number of children at 31st December, 1953, who had completed a course of immunisation at any time before that date

Age at 31. 12. 53 year. born in	Under 1 1953	1 - 4 1952 - 1949	5 - 9 1948 - 1944	10 - 14 1943-1939	Under 15 Total
Last complete course - prim- ary or booster 1949 - 1953					
PUDSEY	21	1162	1625	723	3561
HORSFORTH	6	501	755	338	1600
AIREBOROUGH	9	793	1381	709	2892
1948 or earlier					
PUDSEY	-	-	659	1256	1915
HORSFORTH	-	-	274	585	859
AIREBOROUGH	-	-	309	836	1145

Number of children who completed a full course of primary immunisation in the Division (including temporary residents) during 1953

AGE AT DATE OF FINAL INJECTION	Under							Total
	1	1	2	3	4	5 to 9	10 to 14	
PUDSEY	185	97	16	5	5	92	7	407
HORSFORTH	79	52	1	3	3	16	-	154
AIREBOROUGH	92	68	10	6	7	43	6	232

Total number of children who were given a secondary or re-inforcing injection (i.e. subsequent to complete full course)

DURING 1953 AGED	Under							Total
	1	1	2	3	4	5 to 9	10 to 14	
PUDSEY	-	1	-	-	14	381	77	473
HORSFORTH	-	-	-	1	18	192	35	246
AIREBOROUGH	-	-	-	9	38	368	53	468

VACCINATION

NUMBER OF PERSONS VACCINATED (OR RE-VACCINATED) DURING 1953

AGE AT DATE OF VACCINATION		Under 1	1	2 to 4	5 to 14	15 or over	Total
NUMBER VACCINATED	PUDSEY M.B.	271	68	222	990	758	2309
	HORSFORTH U.D.	134	20	86	368	402	1010
	AIREBOROUGH U.D.	156	42	124	907	981	2210
NUMBER RE- VACCINATED	PUDSEY M.B.	-	1	40	358	1286	1685
	HORSFORTH U.D.	-	-	26	223	739	988
	AIREBOROUGH U.D.	-	3	21	325	1171	1520

WHOOPING COUGH IMMUNISATION

The West Riding County Council's scheme for immunisation against whooping cough came into effect on the 1st April, 1952.

Under the scheme immunisation is carried out free of charge at all the Infant Welfare Clinics, or by private medical practitioners, and is available to all children provided they have not attained the age of four years.

		AGE AT FINAL INJECTION					Total
		Under 6 months	6 months to 1 year	1-2	2-3	3-4	
No. of children who completed a full course of whooping cough immunisa- tion (includ- ing temporary residents) during 1953)	PUDSEY	-	130	48	12	4	194
	HORSFORTH	-	73	53	15	16	157
	AIRE- BOROUGH	-	62	37	29	19	147

CARE AND AFTER - CARE

Tuberculosis

The visiting of tuberculous patients in the Division was carried out by two ad hoc Tuberculosis Health Visitors, who also had similar duties in neighbouring Divisions. These health visitors also attended the Chest Clinics serving the Division and thereby provided a valuable link between the clinics and the care and after-care services of the Local Health Authority.

Owing to the retirement of Mrs. V. Hartley, the visiting in Aireborough and Horsforth during the latter half of the year was delegated as a temporary measure to the general health visitors in these areas, pending the appointment of a full-time Tuberculosis Health Visitor to cover the whole of, and work entirely within the Division.

There has been co-operation between the Chest Physicians and the Health Department in relation to the care of tuberculous cases, including such aspects as re-housing, provision of extra nourishment, provision of bedding, provision of domiciliary open-air shelters, X-ray of home helps working in tuberculous households, the follow-up of contacts, B.C.G. vaccination, and the supply of information for correction of the tuberculosis registers.

Fifty-five patients were receiving free extra nourishment (two pints of milk daily) at the end of the year.

Recuperative Homes

General convalescence is provided by the West Riding County Council in Convalescent Homes throughout the country in approved cases on the recommendation of the patient's doctor. Such convalescence is intended to provide a rest and change of environment for those who require it and is distinct from convalescence provided as a continuation of hospital treatment which is the responsibility of the Regional Hospital Board.

The following cases resident in the Division were dealt with during the year:-

	PUDSEY	HORSFORTH	AIREBOROUGH
On waiting list at beginning of year	-	-	-
Applications received	11	16	13
Applications cancelled	2	5	4
Cases admitted	9	11	9
On waiting list at end of year	-	-	-

REGISTRATION AND INSPECTION OF NURSING HOMES

The following Nursing Homes which are registered under the Public Health Act, 1936, were inspected by the medical staff of the Division during the year.

Name & Address	No. of beds provided	
	Maternity	Other
Jesmond Nursing Home, New Street, Farsley, near Leeds.	-	12
Brooklands Nursing Home, Harper Lane, Yeadon, near Leeds.	-	6
The Hawthorns, Outwood Lane, Horsforth, Leeds.	-	11
St. Joseph's Convalescent Home, Outwood Lane, Horsforth, Leeds.	-	16
St. Catherine's Nursing Home, Leeds Road, Horsforth, Leeds.	-	17

REGISTRATION AND INSPECTION OF DISABLED AND OLD PERSONS' HOMES

The Ernest Ayliffe Home for Deaf and Dumb Men at Rawdon, which is registered under the National Assistance Act, was inspected in conjunction with the Divisional Welfare Officer during the year.

SCHOOL HEALTH SERVICE

MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED
PRIMARY AND SECONDARY SCHOOLS IN THE DIVISION DURING
THE YEAR ENDED 31st DECEMBER, 1953

PERIODIC MEDICAL INSPECTIONS

Number of Inspections in the prescribed groups

Entrants	1133
7 - 8 year group	-
Last year primary group	911
First year secondary group	185
Last year secondary group	586
	<u>2815</u>

OTHER INSPECTIONS

Number of Special Inspections	993
Number of Re-inspections	224
	<u>1217</u>

NUMBER OF INDIVIDUAL PUPILS FOUND AT PERIODIC MEDICAL
INSPECTION TO REQUIRE TREATMENT (EXCLUDING DENTAL
DISEASES AND INFESTATION WITH VERMIN)

Group	For Defective vision (exclud- ing squint)	For any of the other conditions recorded in Return of Defects	Total individ- ual pupils
Entrants	17	62	79
7 - 8 year group	-	-	-
Last year primary	50	17	63
First year secondary	9	4	13
Last year secondary	30	9	39
TOTAL	106	92	194

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION

Defect or Disease (1)	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
	Number of Defects		Number of Defects	
	Requiring treatment	Requiring to be kept under observation but not requiring treatment	Requiring treatment	Requiring to be kept under observation but not requiring treatment
	(2)	(3)	(4)	(5)
Skin	-	10	1	5
Eyes	106	163	23	27
a. Vision	4	21	1	1
b. Squint	-	1	-	2
c. Other				
Ears	2	15	2	5
a. Hearing				
b. Otitis	1	8	-	4
Media	-	-	2	-
c. Other				
Nose or throat	58	109	37	32
Speech	7	12	5	23
Cervical glands	-	12	1	6
Heart and circulation	2	42	-	12
Lungs	2	28	-	21
Developmental				
a. Hernia	-	3	1	-
b. Other	-	9	1	-
Orthopaedic				
a. Posture	3	30	1	11
b. Flat foot	2	60	3	11
c. Other	6	52	4	11
Nervous system				
a. Epilepsy	1	9	-	2
b. Other	-	-	-	1
Psychological				
a. Development	-	-	-	-
b. Stability	-	3	-	1
Other	4	23	4	7

CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS INSPECTED

AGE GROUPS	NUMBER OF PUPILS INSPECTED	A (GOOD)		B (FAIR)		C (POOR)	
		NO.	% OF COL. 2	NO.	% OF COL. 2	NO.	% OF COL. 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants	1133	450	40%	678	60%	5	0%
7 - 8 year group	-	-	-	-	-	-	-
Last year primary	911	376	41%	526	58%	9	1%
First year secondary	185	81	44%	103	55%	1	1%
Last year secondary	586	252	43%	329	56%	5	1%
TOTAL	2815	1159	41%	1636	58%	20	1%

INFESTATION WITH VERMIN

- (i) Total number of examinations in the schools by the school nurses or other authorized persons 23,872
- (ii) Total number of individual pupils found to be infested 360
- (iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2) Education Act, 1944) -
- (iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3) Education Act, 1944) -

MINOR AILMENTS CLINICS

Number of Defects
treated, or under
treatment during
the year 1953

(a) Skin -	
Ringworm - Scalp -	5
Body -	1
Soabies	-
Impetigo	10
Other skin diseases	108
Eye Diseases (external and other, but excluding errors of refraction and squint)	53
Ear Nose and Throat Defects	36
Miscellaneous (e.g. Minor injuries, bruises, sores, chilblains, etc.)	351
	<hr/>
	564
(b) Total number of attendances at Minor Ailments Clinic	900

OPHTHALMIC CLINICS

No. of sessions held during year	88
No. of cases dealt with Errors of refraction (including squint)	653
Other conditions	2
No. of pupils for whom glasses were prescribed	402

ORTHOPAEDIC CLINIC

	Pre-school children	School children
No. of sessions held during year	11	
No. of individual patients seen	44	78
Total number of attendances	66	108
Total number of patients treated at clinic by physiotherapist (including cases continuing treat- ment from previous year)	14	43
Total number of attendances	36	369

EAR NOSE AND THROAT CLINIC

	Pre-school children	School children
No. of sessions held during the year		11
No. of individual children	9	125
No. of (2) above -		
(a) referred for operative treatment	6	89
(b) who obtained operative treatment	4	88
(c) treated at school clinics	-	5
Total number of attendances at consultant clinic	10	134

PAEDIATRIC CLINIC

No. of sessions held during the year		25
No. of individual patients seen	15	53
Total No. of attendances at clinic	18	67

CHILD GUIDANCE CLINIC

	Boys	Girls	Total
No. of new cases seen during year	-	5	5
No. of cases continuing attendance from previous year	3	4	7
Total number of cases seen during year	3	9	12
Total number of attendances made during the year for -			
(a) individual interview	2	17	19
(b) group therapy	9	19	28
No. of cases recommended for residential treatment in -			
Hostel for Maladjusted children	-	4	4
Types of problem for which cases were referred to Child Guidance Clinic -			
(a) Behaviour	-	4	4
(b) Nervous Problems	-	1	1

SPEECH THERAPY

No. of sessions held during the year	179
No. of new cases admitted for treatment during the year	23
No. of cases already attending for treatment from previous year	26
Total number of cases treated	49
No. of cases discharged during the year:-	
(a) Speech normal	14
(b) Unsuitable for treatment	3
(c) Left school	-
(d) By reason of non-attendance	-
No. of cases awaiting treatment at the end of the year	19
No. of visits made to schools	8
No. of home visits	-

ULTRA-VIOLET LIGHT CLINICS

	Pre-school children	School children
No. of sessions held during the year		183
No. of children treated	52	87
Total No. of attendances	856	1641

DENTAL INSPECTIONS AND TREATMENT

No. of children inspected	6206
No. of children found to require treatment	4871
No. of children treated	3042
No. of attendances for treatment	5972
No. of extractions - temporary teeth	3761
- permanent teeth	524
No. of general anaesthetics	1132
No. of fillings - temporary teeth	92
- permanent teeth	3472
No. of other treatments -	
- temporary teeth	240
- permanent teeth	1767

